CLAIMS

1. Wrapping machine for wrapping a wrapping film around an object (P), said wrapping machine comprising a film dispensing unit (1), which comprises

first supporting elements (2) for rotatably supporting on the film dispensing unit a first wrapping film reel (3) containing a web of first wrapping film (4) wound up on it,

first deflecting elements (5^1 ... 5^{10}), over which the first wrapping film unreeled from the first wrapping film reel can be passed to the object to be wrapped, characterized in that the film dispensing unit (1) comprises

second supporting elements (6) for rotatably supporting on the film dispensing unit a second wrapping film reel (7) containing a web of second wrapping film (8) wound up on it,

a second deflecting element (9), over which the second wrapping film (8) unreeled from the second wrapping film reel (7) can be passed, said second deflecting element being mounted on the film dispensing unit (1) so as to be movable between two positions (I, II), a first position (I), in which the end of the second wrapping film (8) is in contact with the first wrapping film (4) to cause the first and second wrapping films to adhere to each other during the wrapping process in order to bring them one over the other onto the object to be wrapped, and a second position (II), in which the second deflecting element (9) is at a distance from the first wrapping film (4) so that the second wrapping film (9) is clear of contact with and adhesion to the first wrapping film (4),

an actuator (10) for moving the second deflecting element (9) between the first position (I) and the second position (II), and

a severing device (11) arranged to sever the second wrapping film (8) at a point after the second

deflecting element (9) as seen in the direction of advance when the second deflecting element is being moved from the first position (I) to the second position (II).

2. Wrapping machine according to claim 1, characterized in that, in the first position (I), the second deflecting element (9) is arranged to be pressed against one of the first deflecting elements (5^9) to form a nip between them, and that, in the second position (II), the second deflecting element (9) is at a distance from the first deflecting element (5^9).

3. Wrapping machine according to claim 1 or 2, characterized in that the film dispensing unit (1) comprises a pendulum lever (12) pivotally mounted on the film dispensing unit, to which pendulum lever the second deflecting element (9) is connected; and that the actuator (10) is arranged to turn the pendulum lever to move the second deflecting element between the first position (I) and the second position (II).

4. Wrapping machine according to any one of claims 1 - 3, characterized in that the severing device (11) comprises a blade (13) connected to the pendulum lever (12) so as to be movable together with it, said blade being fitted to sever the second wrapping film when the second deflecting element (9) is in the second position (II) or close to it.

5. Wrapping machine according to any one of claims 1 - 4, characterized in that the wrapping machine comprises a control device (14) arranged to control the operation of the actuator (10) and the severing device (11) in such manner that, when an object is being wrapped, a predetermined amount of second wrapping film (8), said amount being substantially smaller than the total amount of first wrapping film

(4) to be wrapped around the object, is applied to the object together with the first wrapping film.

6. Wrapping machine according to claim 5, characterized in that the aforesaid predetermined amount of second wrapping film (8) has been so chosen that it roughly corresponds to the amount required in one wrapping revolution.

7. Wrapping machine according to any one of claims 1 - 6, characterized in that the second wrapping film (8) is provided with a repeated text, pattern, mark or equivalent (15); and that the first wrapping film (4) consists of transparent material so that the aforesaid text, pattern, mark or equivalent is visible on the object through the first wrapping film.

8. Wrapping machine according to any one of claims 1 - 7, characterized in that the film dispensing unit (1) comprises a pre-stretching device (16) for pre-stretching the first wrapping film (4).

9. Wrapping machine according to any one of claims 1 - 8, characterized in that the first deflecting elements (5^{1} ... 5^{10}) comprise rollers rotatably mounted on the film dispensing unit.

10. Wrapping machine according to any one of claims 1 - 9, characterized in that the second deflecting element (9) is a roller rotatably mounted on the film dispensing unit (1).

11. Method for wrapping a wrapping film around an object, in which method

a first wrapping film is wrapped around the object to be wrapped, characterized in that

- while the first wrapping film is being wrapped around the object, a second wrapping film is brought into contact with the moving first wrapping film, with the result that the second wrapping film sticks to the first wrapping film, which takes the second wrapping film with it,

- a predetermined amount of the second wrapping film and the first wrapping film are wrapped together around the object one over the other,

- the second wrapping film is severed when the predetermined amount of it has been wrapped, and

- the wrapping process is continued by further wrapping the first wrapping film around the object, or the wrapping process is stopped.